BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: Construction of Public Toilet at NES Circle in Ward No: 4 of Yelahanka

DEMOLITION

Est.Cost.Rs. 39567.67

	Description of Item	Unit	No	L	B	D	QTY	Rate	Amount
1	KSRRB M200-12.3. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. C. Prestressed / Reinforced cement concrete grade M-20 & above. MORTH Specification No. 202.(Pg No 139 ,Item No 18.19)								
	Plinth beams	cum	2	11.00	0.45	0.45	4.46		
		cum	2	6.20	0.45	0.45	2.51		
	Basic rate							1589.00	
	Area weightage 8%							127.12	
	Total						**6.97**	**1716.12**	**11954.49**
2	KSRRB M200-14.2.Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications **Dismantling brick/Tile work B. In cement mortar**. Pg No.139 Item No.18.23								
	Long walls	Cum	2	11.40	0.20	2.80	12.77		
	Short walls	Cum	2	6.20	0.20	2.80	6.94		
	Basic rate							351.00	
	Area weightage 8%							28.08	
	Total						**19.71**	**379.08**	**7472.42**
3	37.51: Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms) No. KBS Pg No 270 ,Item No 37.51,								
	Flooring dismantling	Sqm	1	11.2	6.2		69.44		
	Basic rate							86.00	
	Area weightage 8%							6.88	
	Total						**69.44**	**92.88**	**6449.59**
4	KSRRB M200-17.1.-do- v) Steel work in all types of Sections upto a Height of 5m above plinth level excluding Cutting of Rivet. -A.Including dismembering." P – 140, 18.37								
	Toilet	Sqm	1	11.20	6.2				
		Kgs	1	11.2*6.2*(3.28)^2*2.5			1927.91		
		(QUANTITY OF STEEL ASSUMED @ 2.5Kg/ SFT) including sheet							
					Total		1927.91		

						tonne		1.93		
									1893.00	
									151.44	
	Basic rate							1.93	2044.44	3941.4
	Area weightage 8%									
	Total									
5	.Dismantling plastering and removing the debris with a lead upto 200m. (P.No.270. I.No. 37.50)									
	Internal plastering	Sqm	1	26.1		2.8	73.08		37.00	
	Basic rate								2.96	
	Area weightage 8%							73.08	39.96	2920.2
	Total									
6	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 136.Item No17.4									
	DEBRIS	Cum						38.56		
	Loading and unloading item	Cum							57.00	
	Basic rate for haulage of	t.km	For surface roads exluding Basic rate						2.00	
	Average Weight of Debris	For2Kms =2x1.3x2.5							5.20	
	Basic rate								62.20	
	Area weightage 8%								4.98	
	Total							38.56	67.18	2590.01
7	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) / 2.3.5 Pg No 6.Item No 2.4									
	Footings	Cum	12	1.5	1.5	1.5	40.5			
	SSM Excavation									
	Long wall	Cum	3	10.2	0.75	1.05	24.10			
	short wall	Cum	4	6.85	0.75	1.05	21.58			
	For Entrence Passage	Cum	1	8.2	0.6	0.75	3.69			
	Basic rate							449.00		
	Area weightage 8%							35.92		
	Total						89.87	484.92		43577.34
8	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. Specification No. KBS Pg No 7. Item No 2.15									
	Footings									
	CF1	Cum	12	1.5	1.5	0.1	2.7			
	Basic rate							2429.00		
	Area weightage 8%							194.32		
	Total						2.70	2623.32		7082.96

KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2 Pg No.13 Item No 4.3

Footings								
CF1	Cum	12	1.5	1.5	0.15	4.05		
SSM below								
Long wall	Cum	3	10.2	0.75	0.15	3.44		
short wall	Cum	4	6.85	0.75	0.15	3.08		
Basic rate							5102.00	
Area weightage 8%							408.16	
Total						**10.58**	**5510.16**	**58269.94**

0 KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills. including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2, Pg No. 13 Item No. 4.6

Above SSM								
Long wall	Cum	3	10.2	0.6	0.15	2.754		
short wall	Cum	4	6.85	0.6	0.15	2.466		
Basic rate							5422.00	
Area weightage 8%							433.76	
Total						**5.22**	**5855.76**	**30567.07**

11 KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing completeas per specifications.KBS 5.1.13 Pg No 25 item No 5.6

SSM Footing								
Below GL								
Long wall	Cum	3	10.2	0.6	0.6	11.02		
short wall	Cum	4	6.85	0.6	0.6	9.86		
For Entrence Passage	Cum	1	8.2	0.6	0.6	2.95		
Basic rate							4596.00	
Area weightage 8%							367.68	
Total						**23.83**	**4963.68**	**118294.42**

12 KSRB 5.4-4 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13 Pg No 25 item No 5.13

	For Steps								
		Cum	1	3.5	0.2	0.45	0.32		
		Cum	1	3.5	0.2	0.3	0.21		

		Cum	1	3.5	0.2	0.15	0.11		
	Basic rate							6005.00	
	Area weightage 6%							360.30	
	Total						**0.63**	**6365.30**	4010.
13	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering w lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9, Pg No.7, Item No.2.10								
	Filling Available of								
	Earth Work Excavation	Cum					89.87		
	PCC for Footing	Cum					-10.58		
	SSM Footing	Cum					-23.83		
	Coloumn Footings	Cum					-7.07		
	Basic rate							201.00	
	Area weightage 8%							16.08	
	Total						**48.38**	**217.08**	10503.2
14	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 136,Item No17.4								
	Excavated Earth	Cum					89.87		
	Filling Available of Excavated Earth						-48.38		
	Loading and unloading item	Cum						57.00	
	Basic rate for haulage of	t.km	For surface roads exluding Basic rate					2.00	
	Average Weight of earth	For2Kms =2x1.28x2						5.12	
	Basic rate							62.12	
	Area weightage 8%							4.97	
	Total						**41.48**	**67.09**	**2782.94**
15	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2, Pg No 16. Item No 4.28								
	Footings								
	C1	Sqm	12	6		0.3	21.60		
	Coloumn up to plinth	Sqm	12	1.3		0.80	12.48		
	Basic rate							258.00	
	Area weightage 8%							20.64	
	Total						**34.08**	**278.64**	**9496.05**
16	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2, Pg No 16, Item No 4.31								
	Plinth Beam								
	Longer span	Sqm	4	12		0.6	28.80		
	Shorter Span	Sqm	8	7.3		0.6	35.04		
	Basic rate							358.00	
	Area weightage 8%							28.64	

Total

KSRB 4-6.5 : Pro
form Work for colu
cost of all materials
No 4.32

Coloumn Shut

Coloumn

Basic rate

Area weightage 8%

Total

KSRB 4-6.7 :Prov
form work for side
not exceeding 1m
specificaitons.Spe

Lintels

Through lintels

Longer span

Shorter Span

Lintels over parti

BEAMS

Longer Span

Shorter Span

Basic rate

Area weightage 8

Total

19 KSRB 4-6.9 : Pr
slabs and breaks
Specifications N

Edges of slab

Roof Slab

Basic rate

Area weightage

Total

20 KSRB 4-6.2 :
form work for
all materials, l
to 5 mtrs.Spec

Roof Slab

Basic rate

Area weighta

Total

	Total						**63.84**	**386.64**	**24683.10**
17	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2, Pg No 16, Item No 4.32								
	Coloumn Shuttering								
	Coloumn	Sqm	12	1.3		2.55	39.78		
	Basic rate							456.00	
	Area weightage 8%							36.48	
	Total						**39.78**	**492.48**	**19590.85**
18	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc . and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders. bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.Specification No. KBS 4.6.2, Pg No 17, Item No 4.34								
	Lintels								
	Through lintels								
	Longer span	Sqm	4	12		0.2	9.6		
	Shorter Span	Sqm	4	7.3		0.2	5.84		
	Lintels over partition wall								
		Sqm	2	7.3		0.2	2.92		
		Sqm	3	5.5		0.2	3.3		
	BEAMS								
	Longer Span	Sqm	6	12		0.3	21.6		
	Shorter Span	Sqm	8	7.3		0.3	17.52		
	Basic rate							292.00	
	Area weightage 8%							23.36	
	Total						**60.78**	**315.36**	19167.5808
19	KSRB 4-6.9 : Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications. Specifications No. KBS 4.6.2, Pg No 17,Item No 4.36								
	Edges of slab								
	Roof Slab	sqm	1	39.4		0.15	5.91		
	Basic rate							755.00	
	Area weightage 8%							60.40	
	Total						**5.91**	**815.4**	**4819.014**
20	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.Specification No. KBS 4.6.2 page no.16 item no 4.29.2								
	Roof Slab	sqm	1	12	7.7		92.4		
	Basic rate							400.00	
	Area weightage 8%							32.00	
	Total						**92.40**	**432**	**39916.80**

21	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs. with 20mm and down size graded granite metal coarse aggregates @ 0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed 2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick. vibrated for all works in foundation for footings, pedastals, retaining walls, return walls. walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks. anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1. 4.6. Pg No. 14. Item No. 4.10								
	Footings								
	C1	Cum	12	1.5	1.5	0.3	8.10		
	Coloumn up to plinth	Cum	12	0.2	0.45	0.95	1.03		
	Plinth Beam								
	Longer span	Cum	3	12	0.2	0.60	4.32		
	Shorter Span	Cum	4	7.3	0.2	0.60	3.50		
	Basic rate							5812.00	
	Area weightage 8%							464.96	
	Total						**16.95**	**6276.96**	**106394.4**
22	KSRB 4.2.8 : Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall. walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters.string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills.fillets including cost of all materials. labour,HOM of machinery, curing, complete as per specifications. No. KBS 4.1. 4.6. Pg No. 14. Item No. 4.12								
	Coloumn	Cum	12	0.2	0.45	2.55	2.754		
	Lintels over main wall								
	Through lintels								
	Longer span	Cum	2	12	0.2	0.2	0.96		
	Shorter Span	Cum	2	7.3	0.2	0.2	0.584		
	Lintels over partition wall								
		Cum	2	7.3	0.1	0.2	0.292		
		Cum	3	5.5	0.1	0.2	0.33		
	Basic rate							6045.00	
	Area weightage 8%							483.60	
	Total						**4.92**	**6528.60**	**32120.71**
23	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25. Pg No.19 Item No.4.49.2								
	Roof Slab	Cum	1	12	7.7	0.15	13.86		

	BEAM								
	Longer Span	Cum	3	12	0.2	0.3	2.16		
	Shorter Span	Cum	4	7.3	0.2	0.3	1.752		
	Basic rate							5497.00	
	Area weightage 8%							439.76	
	Total						**17.77**	**5936.76**	**105508.10**
24	KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Pg No.18 Item No.4.46.2								
	Footing	Cum	Concrete Quantity				8.10		
		kg	Steel assumed 125 Kg/Cum				810.0		
		tonne					**0.81**		
	Plinth beam	Cum	Concrete Quantity				7.82		
		kg	Steel assumed 150 Kg/Cum				1173.60		
		tonne					**1.17**		
	Colomn	Cum	Concrete Quantity				3.78		
		kg	Steel assumed 150 Kg/Cum				567.00		
		tonne					**0.57**		
	Lintels	Cum	Concrete Quantity				2.17		
		kg	Steel assumed 100 Kg/Cum				216.60		
		tonne					**0.22**		
	Roof Slab	Cum	Concrete Quantity				13.86		
		kg	Steel assumed 100 Kg/Cum				1386.00		
		tonne					**1.39**		
	Beam	Cum	Concrete Quantity				3.91		
		kg	Steel assumed 150 Kg/Cum				586.8		
		tonne					**0.59**		
	Basic rate							70966.00	
	Area weightage 8%							5677.28	
	Total						**4.74**	**76643.3**	**363289.15**
25	KSRB 5-14.1: Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications. KBS No.5.4, Pg No. 27 Item No. 5.27.1								
	Long wall	Sqm	2	12		2.55	61.2		
	Short wall	Sqm	2	7.3		2.55	37.23		
	Deduction								
	Through Ventilator(V)								
	Longer Span	Sqm	-2	11.2		0.6	-13.44		
	Shorter Span	Sqm	-2	6.85		0.6	-8.22		

D	Sqm	-3	0.9		2.1	-5.67			
W	Sqm	-1	0.9		1.5	-1.35			
Basic rate							912.00		
Area weightage 8%							72.96		
Total						**69.75**	**984.96**	68700.3	

26 KSRB 5-15 : Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with Cl 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications. KBS No.5.4, Pg No 27, Item No 5.28

Long wall	Sqm	2	7.3		2.55	37.23		
Wc And bath wall	Sqm	3	5.5		2.55	42.08		
	Sqm	2	3.9		2.55	19.89		
Short wall	Sqm	14	1.5		2.55	53.55		
	Sqm	1	4		2.55	10.20		
Entry Passage	Sqm	1	5		1.2	6.00		
Deductions								
Through Ventilator(V)	Sqm	-2	7		0.6	-8.40		
	Sqm	-2	8		0.6	-9.60		
D1	Sqm	-15	0.75		2.1	-23.63		
Basic rate							811.00	
Area weightage 8%							64.88	
Total						**127.32**	**875.88**	111517.04

27 KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Pg No. 116,Item No.15.16

External Plastering								
Long wall	Sqm	2	12		3	72		
Short wall	Sqm	2	7.7		3	46.2		
Entry passage	Sqm	2	5		1.2	12		
Deductions								
Through Ventilator(V)								
	Sqm	-2	11.2		0.6	-13.44		
	Sqm	-2	6.85		0.6	-8.22		
D	Sqm	-3	0.9		2.1	-5.67		
W	Sqm	-1	0.9		1.5	-1.35		
Basic rate							261.00	
Area weightage 8%							20.88	
Total						**101.52**	**281.88**	28616.46

KSRB 15.3.2 : Pr
masonry including
scaffolding, includ
No.15.10

Internal Plasterin
Short wal
For Passage And
WC And bath
Long wal
WC And bath
Deductions
V
Basic rate
Area weightage 8%
Total

29 KSRB15-3-14 : P
ceiling including r
removing scaffoldi
116, Item No15.22

Ceiling plastering
Basic rate
Area weightage 8%
Total

30 KSRB15-5.1 : Pr
to brick masonry
scaffolding, incld
No-15.30.

Rough pl
Short w
For Passage Ar
WC And ba
Long w
WC And ba
Deduct
D1
W
Basic rate
Area weightage

28	KSRB 15.3.2 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 . to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications .Pg No. 115 Item Np.15.10								
	Internal Plastering								
	Short wall								
	For Passage And Counter	Sqm	6	7.3		0.75	32.85		
	WC And bath wall	Sqm	6	5.5		0.75	24.75		
	Long wall	Sqm	2	11.6		0.75	17.4		
	WC And bath wall	Sqm	28	1.5		0.75	31.5		
		Sqm	2	4		0.75	6		
	Deductions								
	V	Sqm	-4	7		0.6	-16.8		
		Sqm	-4	1.2		0.6	-2.88		
	Basic rate							204.00	
	Area weightage 8%							16.32	
	Total						**92.82**	**220.32**	**20450.10**
29	KSRB15-3-14 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering. : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Pg No 116, Item No15.22								
	Ceiling plastering	Sqm	1	11.6	7.3		84.68		
	Basic rate							225.00	
	Area weightage 8%							18.00	
	Total						**84.68**	243.00	**20577.24**
30	KSRB15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications . Pg.No-117, Item No-15.30.								
	Rough plaster								
	Short wall								
	For Passage And Counter	Sqm	6	7.3		2.1	91.98		
	WC And bath wall	Sqm	6	5.5		2.1	69.3		
	Long wall	Sqm	2	11.6		2.1	48.72		
	WC And bath wall	Sqm	28	1.5		2.1	88.2		
		Sqm	2	4		2.1	16.8		
	Deductions								
	D1	Sqm	-15	0.75		2.1	-23.625		
	W	Sqm	-2	1.5		1.5	-4.5		
	Basic rate							205.00	
	Area weightage 8%							16.40	

	Total							**286.88**	**221.40**	**63514.**
31	providing applying two coats of wall putty to **inside plastered walls and ceiling** using white cemen putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smoo by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding et ,complete as per specification. Pg No.128 Item No.15.106									
	Internal Plastering	Sqm	1	same as inside				177.50		
	Basic rate								78.00	
	Area weightage 8%								6.24	
	Total							**177.50**	**84.24**	**14952.6**
32	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface. free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth. cos of materials, labour, complete as per specifications. - with primer. PgNo. 119. I.No. 15.51.2									
	Internal Painting	Sqm	Same as Ceiling plastering					84.68		
	Basic rate								90.00	
	Area weightage 8%								7.2	
	Total							**84.68**	**97.20**	**8230.9**
33	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications (page no127, item no.15.103)									
	External painting									
	Ground Floor	Sqm	Same as External plastering					101.52		
	Basic rate								340.00	
	Area weightage 8%								27.2	
	Total							**101.52**	**367.20**	**37278.14**
34	KSRB 14.9-1: Providing and laying M-15 cement concrete flooring. 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume. with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) . including finishing cost of materials, labour, curing, complete as per specifications Specification No. KBS 14.4, Pg No 104.Item No 14.13									

Hardner Concrete								
W C	Sqm	12	1.5	1.2		21.6		
	Sqm	3	1.5	1.5		6.75		
Passage Gents toilet	Sqm	1	2.1	5.4		11.34		
	Sqm	2	3.6	1.8		12.96		
	Sqm	1	1.8	1.5		2.7		

Counter
Passage Ladies toil
Basic rate
Area weightage 8%
5 KSRB 14.14-5: Pr
size for flooring, t
flush pointing with
complete as per sp
Ceramic ti
W C
Passage Gents
Counter
Passage Ladie
Basic Rate
Area weightage 8
Total
36 KSRB 14-17.2 :
thick with border
slurry over rough
and paid separatel
complete as per s
Wall Clad
Short w
For Passage A
WC And b
Long w
WC And b
Step
Deduct
V
D
Basic Rate
Area weightag
Total

Counter	Sqm	1	1.8	2		3.6		
Passage Ladies toilet	Sqm	1	1.981	5.5		10.9		
	Sqm	1	1.8	4.4		7.92		
	Sqm	1	4.6	1.8		8.28		
Basic rate							631.00	
Area weightage 8%							50.48	
					Total	86.0455	681.48	58638.29

35 KSRB 14.14-5: Providing Ceramic tiles of size 30x30cms 6mm thick of approved make .shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix. flush pointing with white cement using colour pigment , including cost of materials, labour, curing. complete as per specifications.Pg No 108.Item No14.36 .2

Ceramic tiles								
W C	Sqm	12	1.5	1.2		21.6		
	Sqm	3	1.5	1.5		6.75		
Passage Gents toilet	Sqm	1	2.1	5.4		11.34		
	Sqm	2	3.6	1.8		12.96		
	Sqm	1	1.8	1.5		2.7		
Counter	Sqm	1	1.8	2		3.6		
Passage Ladies toilet	Sqm	1	1.981	5.5		10.8955		
	Sqm	1	1.8	4.4		7.92		
	Sqm	1	4.6	1.8		8.28		
Basic Rate							1210.00	
Area weightage 8%							96.8	
Total						86.05	1306.80	112444.26

36 KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials. labour, complete as per specifications. Specification No.KBS 14.16, 14.17 Pg No 108,Item No14.41.2

Wall Cladding								
Short wall								
For Passage And Counter	Sqm	6	7.3		2.1	91.98		
WC And bath wall	Sqm	6	5.5		2.1	69.3		
Long wall	Sqm	2	11.6		2.1	48.72		
WC And bath wall	Sqm	28	1.5		2.1	88.2		
Steps	Sqm	3	3.5	0.2		2.1		
Deductions								
V	Sqm	-4	7		0.6	-16.8		
D1	Sqm	-15	0.75		2.1	-23.625		
Basic Rate							1632.00	
Area weightage 8%							130.56	
Total						259.88	1762.56	458045.28

37	KSRB 9-27.1 : Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages walls and floor as required and disposal of the debries with lead upto 50 m. including cost of material labour, complete as per specifications. Pg No 60,Item No9.80								
	D	**Nos**	**3**				3		
	Basic rate							1366.00	
	Area weightage 8%							109.28	
	Total						**3.00**	**1475.28**	4425.8
38	KSRB 9.4-2: Providing Honne wood frames of doors, windows, clerestory windows.ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 Pg No 53,Item No9.11								
	D	**cum**	**3**	**6**	**0.075**	**0.1**	**0.135**		
	Basic rate							87604.00	
	Area weightage 8%							7008.32	
	Total						**0.14**	**94612.3**	12772.6
39	KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34, Pg No. 53, Item No. 9.15								
	D	**sqm**	**3**	**0.9**		**2.1**	**5.67**		
	Basic rate							4722.00	
	Area weightage 8%							377.76	
	Total						**5.67**	**5099.76**	**28915.64**
40	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM). U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame. Page No. 63, Item No. 9.95								
	D1	**m**	**15**	**5.70**			85.50		
	Basic rate							450.00	
	Area weightage 8%							36.00	
	Total						**85.50**	**486.0**	**41553.00**

41	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM). impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot. P.No.62, I.No.9.94								
	D3	Sqm	15	0.75		2.1	23.63		
	Basic rate							3800.00	
	Area weightage 8%							304.00	
	Total						**23.63**	**4104.0**	**96957.00**
42	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or								
	D1	sqm	1	6		0.1	0.6		
		sqm	2	6		0.075	0.9		
	Basic rate							97.00	
	Area weightage 8%							7.76	
	Total						**1.50**	**104.76**	**157.14**
43	KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality.Pg No.35 Item No.7.11.2								
	Window	Sqm	1	0.9		1.5	1.35		
	Basic Rate							4435.00	
	Area weightage 8%							354.8	

	Total							1.35	4789.80	6466
44	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coa red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.Specification No. KBS 7.12 Pg No.34 Item No.7.9									
	Window	Kg	1	1.35		9.45	12.7575			
					21kg per sqm					
	Basic Rate								95.00	
	Area weightage 8%								7.6	
	Total							12.7575	**102.60**	1308.9
45	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) ove new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and othe foreign matter, including cost of materials, labour, complete as per specifications. Pg no:123.Item no:15.74									
	Window	sqm	1	Window qty			1.35			
	Basic rate								95.00	
	Area weightage 8%								7.60	
	Total							1.35	**102.60**	138.51
46	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305 P- 147									
	Filling									
	Gents Toilet	cum	1	3.80	7.3	0.45	12.48			
	Counter	cum	1	3.00	7.3	0.45	9.86			
	Ladies Toilet	cum	1	4.60	7.3	0.45	15.11			
	Entrence passage	cum	1	6.20	1	0.45	2.79			
	Basic rate							325.00		
	Area weightage 8%							26.00		
	Total						40.24	351.00		14123.89
							Total Amount			2245186.34

BRUHAT BANGALORE MAHANAGARA PALIKE

Construction of Public Toilet at NES circle in Ward No:04 of Yelahanka Satellite Town Sub Division

PLUMBING WORKS

Sl No	Description	Units	Rate(RS.)	Area Weightage 8%	Total Rate (RS.)	Quantity	Amount (RS.)
47	KSRB 11-5 : Providing and fixing white vitreous china clay, **water closet europeon** type (pedestal type, p-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level,P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets , 40mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design,painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications. Specification no.KBS 11 page no 79 item No.12.5	Each	4,956.00	396.48	5,352.48	13	69582.24
48	KSRB 11.11.1 : Providing and fixing white vitreous china clay,flat back **wash basin** size 630x450mm with a Single 15mm C.P brass pillar taps with C.I / M.S brackets ,32mm C.P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications. Specification No. KBS 11. page no 82 item No.12.23	Unit	3,149.00	251.92	3,400.92	10	34009.2
49	KSRB 11-9.2 : Providing and fixing white vitreous china clay,flat back or half stall **urinal basin** of size 580x380x350mm in the range of two with 7.5 litres P.V.C automatic flushing cistern, C.I / M.S brackets ,standard flush pipe and C.P brass spreaders with brass unions and G.I clamps, C.I trap with outlet grating and other couplings in C.P brass, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications.Specification No. KBS 11. page no 81 item No.12.16	Unit	8,073.00	645.84	8,718.84	13	113344.92

50	KSRB 11.15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. page no 84 item No.12.41	Unit	1,136.00	90.88	1,226.88	4	4907.52
51	KSRB 11.17.1: Providing and fixing C.P brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour complete as per specifications.	Unit	739	59.12	798.12	6	4788.72
52	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.	Each	150.00	12.00	162.00	42	6804
53	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe.						
a	- do - 110 mm dia	m	434	34.72	468.72	30	14061.6
b	do- 160mm dia	m	853	68.24	921.24	40	36849.6
54	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm. (P.No. 75/ I.No.11.50.2)	Nos.	8490	679.2	9169.2	4	36676.8

55	KSRB-13-11.1 : Pr terrace, polyethylene manhole lid ar arrangements, mak diameter for inlet, ou including cost of transport charges, H testing complete as 3000 Litre capacity) Specification No. K item no 13.78						
56	KSRB-13-6.1-2 : P position brass bib c 20mm nominal bore materials, labour an with all leads specifications.Specifi 13.3 page no 93 item						
57	KSRB-13-6.2-2 : P position brass stop c 20mm nominal bore materials, labour an with all leads specifications.Specifi 13.3 page no 93 item						
58	KSRB-13-6.3-2 : P position brass gate v approved quality (nominal bore includi labour and HOM o leads complet specifications.Specifi 13.3 page no 93 item						

ATER SUPPLY WORK

55	KSRB-13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 3000 Litre capacity) as per IS 12701 1996. Specification No. KBS 13.22 page no 96 item no 13.78	Each	20484	1,638.72	22,122.72	2	44245.44
56	KSRB-13-6.1-2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.Specification no. KBS 13.2.2/ 13.3 page no 93 item no 13.24	Each	173	13.84	186.84	30	5605.2
57	KSRB-13-6.2-2 : Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.Specification no. KBS 13.2.2/ 13.3 page no 93 item no 13.27	Each	141	11.28	152.28	15	2284.2
58	KSRB-13-6.3-2 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.Specification no. KBS 13.2.6/ 13.3 page no 93 item no 13.33	Each	336	26.88	362.88	3	1088.64

59	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) page no 99 item no13.86.2 and 13.86.3						
a	20mm nominal OD pipes	m	235	18.80	253.80	50	12690
b	25mm nominal OD pipes	m	293	23.44	316.44	43	13606.92
						GRAND TOTAL:	400545

NAME OF THE WORK: Constr

Electrical Works

Sl.no	SR book page no.	SR book item no.	
60			Point wiri and wiring /casing ca 1x1.0 sqm insulated amendmen shall be fi other end loose lengt each outlet
a	Pg 5	Item 2.1.1	Short point up
b	Pg 5	Item 2.1.2	Medium point
61	Pg 2	Item 1.2	Concealed conduit pipe with suitabl paste etc., an should be ti wires and un be covered u fish wire whe
b	Pg 2	Item 1.2.2	25mm dia, 2mm
62	pg 2	item 1.3	Groove cutt 25/2mm of s junction box wall and fix plastering up wire run thr
a	Pg 2	Item 1.3.1	19/20mm dia, 2r
b	Pg 2	Item 1.3.2	25mm dia, 2mm
63	pg 9	item 3.4	Supplying an metal box sui box should be in Brick/Stone
a	Pg 9	item 3.4.1	1 - 3 Way
b	Pg 9	item 3.4.2	4 - 5 Way
64	pg 9	item 3.1	Supplying 6A switch either or in 4mm mounted woo wire as requi
a	Pg 9	Item 3.1.2	6AMP 3/5 and

12690
13606.92
400545

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: Construction of Public Toilet at NES Circle in Ward No: 4 of Yelahanka Satelite Town Sub Division.

Electrical Works

Sl.no	SR book page no.	SR book item no.	Description of Works	Unit	Qty	SR Rate Rs.Ps	Amount, Rs.Ps
			PART A : INTERNAL WIRING SYSTEM				
60			Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.				
a	Pg 5	Item 2.1.1	Short point upto 3m	Point	25	200.00	5000
b	Pg 5	Item 2.1.2	Medium point above 3m - 6m	Point	15	275.00	4125
61	Pg 2	Item 1.2	Concealed Conduit System - Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of unction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary				
b	Pg 2	Item 1.2.2	25mm dia, 2mm thick	Rm	69.4	53.00	3678.2
62	pg 2	item 1.3	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary.				
a	Pg 2	Item 1.3.1	19/20mm dia, 2mm thick	Rm	67.95	51.00	3465.45
b	Pg 2	Item 1.3.2	25mm dia, 2mm thick	Rm	46.82	54.00	2528.28
63	pg 9	item 3.4	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall				
a	Pg 9	item 3.4.1	1 - 3 Way	Each	16	95.00	1520
b	Pg 9	item 3.4.2	4 - 5 Way	Each	8	105.00	840
64	pg 9	item 3.1	Supplying 6A flush type socket and 6 amp flush type SP switch either surface/flush mountinh in existing gang box or in 4mm thik plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wire as required as per IS 1293 and IS 3654 .				
a	Pg 9	Item 3.1.2	6AMP 3/5 and Switch	No	3	132.00	396

65	pg 9	item 3.2	Supplying and mounting 2 Nos, of 2 Way 6amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flusg mounted wooden box and wiring as per IS 1293	Each	4	150.00	600
66	pg 15	item 3.3	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854				
a		3.3.4	16Amps Combined switch and socket with indication	No	6	194.00	1164
b	3.3.10	3.3.5	Electronic stepped regulator.	No	1	150.00	150
67			Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments			172.00	
a	Pg 6	Item 2.3.2	1.5sqmm	Rm	90	20.05	1804.5
b	Pg 6	Item 2.3.3	2.5sqmm	Rm	30	32.00	960
9	Pg 3	Item 1.12	Supplying and fixing Metal Fan Box with Round Hook	Each	1	85.00	85
			PART D : LIGHT FIXTURES				
68	Pg 69	item 12.4.2	Suppiying and fixing of slim box Fitting ,made out of CRCA sheet metal body with locking type holder completely wired Excluding Ballast &Flouresent Tube. 1X4' Tube light Fitting	Nos	14	300.00	4200
69	Pg 46	Item 7.3	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS 374-1979 and with double ball bearing system				
a	Pg 46	item 7.3.1	48" sweep (1200mm)	Each	1	2090.00	2090
						TOTAL	32606.43
						Demolition	35328.28
						Building	2209858.06
						Plumbing	400545
						Electrical	32606.43
						SUB TOTAL	2678337.77
						GST Charges (12% of estimated cost)	321400.53
						Miscellaneous and rounding off	261.70
						GRAND TOTAL	3000000.00

CERRIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on C.S.R of 2018-2019, PWD Electrical 2019-20,PRED 2019-20, SE-RDED approved Rate and Issused Rates

Ramanjaneesh
Assistant Engineer

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

Administrative Approval

Accorded For RS 30 'Wlaechenly
Head of A/C P3294
CER NO :...277..... Dt:27.03.2020

TA

CE (YNK)

Technical Sanction

Accorded For RS 30 'Wlaechenly
Head of A/C P3294
CER NO :...375..... Dt:29.03.2020

TA

CE (YNK)

150 - YELAHANKA AC
BRUHAT BANGALORE MAHANAGAR PALIKE YELAHANKA SATELLITE TOWN

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 4 - YELHANKA SATELLITE TOWN

150 - YELAHANKA AC

NOTIFICATION NO: UDD 59 MLR 2009 DATE: 15.07.09

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೦೬